

Image Sensor	1/3" CMOS
Effective Pixel	1920(H)x1080(V)
Focal length	4-120mm, 30X
Digital Zoom	16X
Zoom speed	Approx.3.0s(Optical Wide-Tele)
Angle of view	58-1.7 degree(Wide-Tele)
Minimum Working Distance	10-1500mm (Wide-Tele)
Aperture Range	F1.6-F4.4
Focus mode	Auto / Semiautomatic / Manual
DWDR	Support
S/N Ratio	≥ 50dB
AGC	Auto/Manual
White Balance	Auto / Manual / ATW / Indoor / Outdoor
Day/Night	True Day/Night
Privacy Masking	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Enhancement	N/A
Pan/Tilt range	Tilt : -5°-90° (Auto Flip)
Pan/Tilt speed	Pan Manual Speed: 0.1°-250°/s, Pan Preset Speed: 300°/s ; Tilt Manual Speed: 0.1°-150°/s,
Number of Preset	256
Pattern	4 patterns, with the total recording time not less than 10 minutes
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
RS-485 communication diagnosis	N/A
Turbo HD Output	N/A
CVBS Output	N/A
Alarm Input	N/A
Alarm Output	N/A
RS-485 interface	N/A
UTC function	N/A
Audio Input	N/A
Audio Output	N/A
RS-485 Protocols	N/A
Power	24VAC Outdoor dome: Max. 20W (Heater On), Max. 12W(Heater Off) Indoor dome: Max.12W

Working Temperature	-30 °C-65°C(-22°F-149°F)(outdoor dome) / -10°C-50°C(14°F-122°F)(indoor dome) 90% or less
Protection Level	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	Φ220×305mm (Φ8.66"×12.00")(Outdoor) Φ183.4×243mm(Φ7.22"×9.56") (Indoor) Φ245×236mm(Φ9.65"×9.29") (In-ceiling)
Weight(approx)	3Kg (6.61 lbs)
Mount Option	Long-arm wall mount: DS-1602ZJ;Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box
Menu Language	English, Chinese
IR distance	No
IR itensity	No